

# Converting Colors

YIQ(104.2580, 35.3450, 25.7530)

Have a look what the booklet for  
YIQ(104.2580, 35.3450, 25.7530)  
contains.

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# Color

**YIQ(104.2580, 35.3450,  
25.7530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4E6D
RGB	154, 78, 109
RGB Percent	60%, 31%, 43%
CMY	0.3959, 0.6942, 0.5724
CMYK	0.00, 0.49, 0.29, 0.40
HSL	336°, 33%, 45%
HSV	336°, 49%, 60%
XYZ	18.8202, 13.4241, 16.0755
YIQ	104.2580, 35.3450, 25.7530

# Conversions

## Conversions Part 2

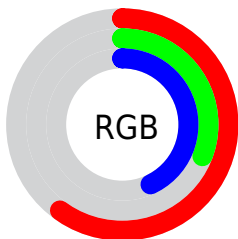
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 78, 109
Decimal	10112621
CIELab	43.40, 35.41, -3.30
CIELCh	43, 35.567, 354.676
Yxy	13.4241, 0.3895, 0.2778
Android (android.graphics.Color)	4288302701 (0xFF9A4E6D)
YUV	104.2580, 2.3378, 43.6237
Hunter-Lab	36.6388, 27.5717, -0.3667

# Details

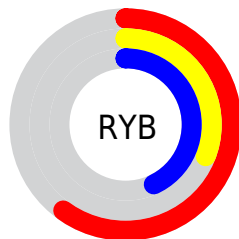
The YIQ color **104.2580, 35.3450, 25.7530** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.7420, -35.3450, -25.7530**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.7530, 38.3250, 26.8130**, and **53.4040, 31.9980, 25.8380** is the 20% darker color. If you saturate the color by 10%, you get **94.4270, 42.3590, 30.7990**, and if you desaturate by 10%, it is **114.0890, 28.3310, 20.7070**.

# Distribution



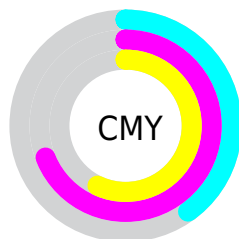
- Red (60%)
- Green (31%)
- Blue (43%)



- Red (60%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (40%)




- Cyan (40%)
- Magenta (69%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 104.2580, 35.3450, 25.7530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 104.2580, 35.3450, 25.7530 by changing the saturation by 10% instead.





 104.2580, 35.3450,  
25.7530


 104.2580, 35.3450,  
25.7530


255.0000, -0.0000,  
-0.0000


 78.7740, 33.8320,  
25.6400


 156.7530, 38.3250,  
26.8130


 53.4040, 31.9980,  
25.8380


 184.3510, 39.5170,  
27.2370


 26.6860, 31.2640,  
28.1280

 208.1760, 32.6400,  
25.2160

 17.4150, 24.2970,  
16.7210

 227.9180, 15.6310,  
19.5910

 5.0830, 10.1320,  
3.6040

 246.1950, 4.1250,  
7.8450

 0.0000, 0.0000,  
0.0000

104.2580, 35.3450,  
25.7530

104.2580, 35.3450,  
25.7530

94.4270, 42.3590,  
30.7990

114.0890, 28.3310,  
20.7070

84.0090, 49.6480,  
36.3680

124.5070, 21.0420,  
15.1380

74.1780, 56.6620,  
41.4140

134.3380, 14.0280,  
10.0920

63.7600, 63.9510,  
46.9830

144.7560, 6.7390,  
4.5230

53.8150, 71.2860,  
51.7180

154.7010, -0.5960,  
-0.2120


53.2280, 71.5610,  
52.2410

164.5320, -7.6100,  
-5.2580

174.9500,  
-14.8990, -10.8270

184.7810,

-21.9130, -15.8730

 195.1990,  
-29.2020, -21.4420

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



105.5790, 12.5120, 26.5600



104.2580, 35.3450, 25.7530



102.4360, 46.1670, 16.8470

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104.2580, 35.3450, 25.7530



97.4580, 12.4290, -21.5150



84.0180, -79.5000, -12.9720

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104.2580, 35.3450, 25.7530



127.7420, -35.3450, -25.7530

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0430, -72.6210, -22.0050



104.2580, 35.3450, 25.7530



92.4960, -17.0970, -26.0650

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104.2580, 35.3450, 25.7530



99.9770, 33.1970, -12.4270



79.6230, -62.9910, -31.3350



90.4320, -62.6300, 0.6820



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104.2580, 35.3450, 25.7530



102.1120, 46.7190, 6.8390



79.6230, -62.9910, -31.3350



83.8070, -77.5280, -15.6720

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104.2580, 35.3450, 25.7530



181.4520, 13.7070, 10.4030



99.8200, 1.8280, 32.9640



90.1800, 8.4810, 5.9930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.2580, 35.3450, 25.7530



123.7540, 54.9200, 39.9440



104.2460, 43.6460, 12.9740



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070



4.4570, 6.1430, 4.3110



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104.2580, 35.3450, 25.7530



123.7540, 54.9200, 39.9440



127.7540, -43.6460, -12.9740



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070

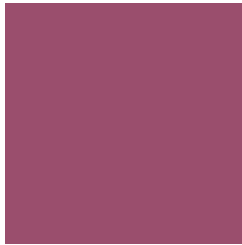


4.4570, 6.1430, 4.3110



# Previews

## White Background



This preview shows how the YIQ color 104.2580, 35.3450, 25.7530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

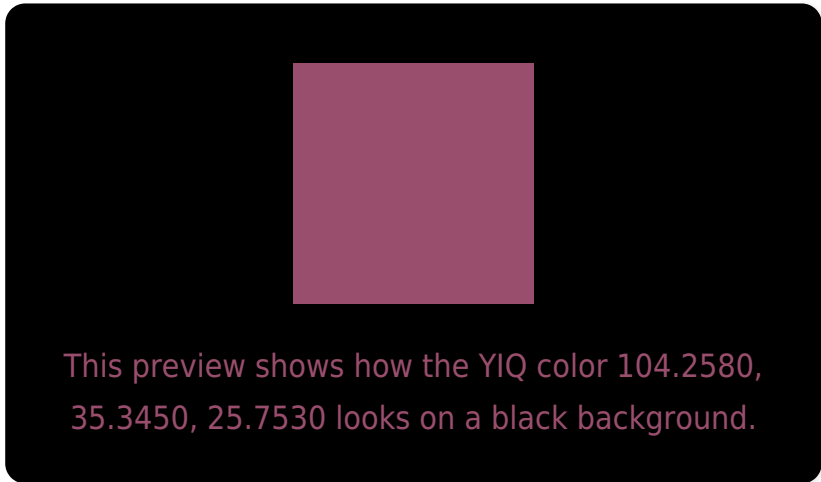
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

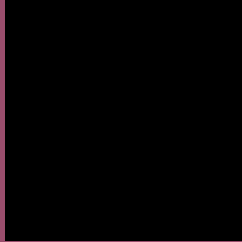
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 104.2580, 35.3450, 25.7530

## Background



This preview shows how black text looks on a background with the YIQ color 104.2580, 35.3450, 25.7530.



This preview shows how white text looks on a background with the YIQ color 104.2580, 35.3450,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

104.2580, 35.3450, 25.7530

### Protanopia

103.3120, -9.4460, 5.9940

### Deuteranopia

104.1580, 5.5470, 4.0990



## Tritanopia

103.6140, 39.7940, 16.7060

# Trichromacy



## Original Color

104.2580, 35.3450, 25.7530

## Protanomaly

103.4390, 6.5540, 13.3860

## Deuteranomaly

104.0610, 16.3660, 11.7740

## Tritanomaly

104.2380, 38.0970, 19.9290

# Monochromacy



## Original Color

104.2580, 35.3450, 25.7530

## Achromatopsia

104.0000, -0.0000, -0.0000

## Achromatomaly

104.3270, 12.5610, 9.1450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 104.2580, 35.3450, 25.7530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 78, 109)` looks like.

```
.text, #text, p{  
    color:rgb(154, 78, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 78, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 78, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 104.2580, 35.3450, 25.7530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 78, 109) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 78, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 78, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 78, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 78, 109);  
box-shadow:4px 4px 4px 4px rgb(154, 78,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 104.2580, 35.3450, 25.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 78, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154, 78,  
109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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